

09/771,734

MS155740.01/MSFTP185US

AMENDMENTS TO THE SPECIFICATION

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In the Specification:

Please replace the paragraph on page 10, lines 21-29 with the following paragraph:

Thus, in accordance with an aspect of the present invention, the transport engine 70 provides an effective means to control sending an outgoing message from a respective queue pair 60 (or other suitable storage means) based on the Qkey data 92 and the attribute 90. Those skilled in the art will understand and appreciate other means that could be employed to control sending of messages in accordance with the present invention. For example, such control means could be implemented as hardware and/or software associated with the channel adapter 62, such as a processor or smart storage device, programmed and/or configured to perform the functionality shown and described herein.

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Please replace the paragraph beginning on page 11, line 21, and ending on page 12, line 2, with the following paragraph:

By way of example, the transport engine 110 is operative to provide messages to the receive queue 108 provided that such messages are appropriately addressed to the queue pair 108 and have a valid Qkey value. The queue pair 108 is provided a Qkey. Thus, in order to establish datagram service between processes 52 and 100 98, the Qkey for the queue pair 96 is provided to the node associated with the process 52 and the Qkey for the queue pair 60 is provided to the node associated with the process 100 (e.g., an exchange of Qkeys for the associated queue pairs 60 and 96). The exchange of queue keys, for example, occurs at creation of the queue pairs *via* a privileged operation. The remote queue pair 96 utilizes its Qkey to validate incoming data packets. For example, if the transport engine 110 determines that a message sent to the remote receive queue 108 includes a Qkey having a value that is different from the one provided by the queue pair 96, the message may be rejected as invalid.